Date : 2026-03-10

Certificate of Analysis - GC Profiling

Sample Identification

Internal code : 26A19-PTH02
Customer Identification : Lavender Fine - Bulgaria - LK0109R
Type : Essential Oil
Source : *Lavandula angustifolia*
Customer : Plant Therapy

Checked an approved by:

Sylvain Mercier, M. Sc., Chimiste 2014-005

Notes: This report may not be published, including online, without the written consent from Laboratoire PhytoChemia. This report is digitally signed, it is only considered valid if the digital signature is intact. The results only describe the samples that were submitted to the assays. The compliance status of the sample is provided to facilitate the reading of the report. The client remains ultimately responsible for reviewing the results presented within this report and to establish compliance of the tested batch against relevant quality criteria.

This report is an update of the version first issued on 2026-01-21 to make a correction in the sample identification section.

Méthode certifiée ISO 17025:2017 Certified method

Laboratoire PhytoChemia

628 Boulevard du Saguenay Ouest, Saguenay (Qc) G7J 1H4 | www.phytochemia.com

Gas Chromatographic Analysis

Method : PC-MAT-014 - Analysis of the composition of an essential oil or other volatile liquide by FAST GC-FID
ISO
Results : See analysis summary (next page)
Analyst : Jean-Christophe Fortin, M. Sc.
Date : 2026-01-21

Physicochemical data

Refractive index : 1.464 ± 0.0003 (20 °C)
Method : PC-MAT-016 - Measure of the refractive index of a liquid.
Analyst : Cindy Caron B. Sc.
Date : 2026-01-20

Conclusion

No adulterant, contaminant or diluent has been detected using this method.

628 Boulevard du Saguenay, Saguenay (Qc) G7J 1H4 | www.phytochemia.com

Analysis Summary - Consolidated Contents

New readers of similar reports are encouraged to read table footnotes at least once.

Identification	%	Class
3-Buten-2-one	0.04	Aliphatic ketone
2-Methyl-3-buten-2-ol	0.04	Aliphatic alcohol
Isovaleral	0.01	Aliphatic aldehyde
Isoamyl alcohol	0.01	Aliphatic alcohol
2-Methylbutanol	0.01	Aliphatic alcohol
Toluene	0.01	Simple phenolic
Hexanal	0.01	Aliphatic aldehyde
Butyl acetate	0.01	Aliphatic ester
Methyl hexyl ether	0.12	Aliphatic ether
(3*Z*)-Hexenol	0.02	Aliphatic alcohol
Hexanol	0.10	Aliphatic alcohol
Tricyclene	0.02	Monoterpene
α-Thujene	0.13	Monoterpene
α-Pinene	0.24	Monoterpene
α-Fenchene	tr	Monoterpene
Camphene	0.15	Monoterpene
5,5-Dimethyl-2(5H)-furanone	0.01	Aliphatic lactone
Butyl isobutyrate	0.01	Aliphatic ester
Sabinene	0.05	Monoterpene
β-Pinene	0.05	Monoterpene
Octen-3-ol	0.38	Aliphatic alcohol
6-Methyl-5-hepten-2-one	0.01	Aliphatic ketone
Octan-3-one	1.36	Aliphatic ketone
Myrcene	0.51	Monoterpene
Octan-3-ol	0.35	Aliphatic alcohol
Butyl butyrate	0.10	Aliphatic ester
α-Phellandrene	0.01	Monoterpene
Δ3-Carene	0.13	Monoterpene
α-Terpinene	0.01	Monoterpene
Hexyl acetate	0.53	Aliphatic ester
meta-Cymene	0.04	Monoterpene
para-Cymene	0.34	Monoterpene
Limonene	0.36	Monoterpene
1,8-Cineole	0.95	Monoterpenic ether
Lavender lactone	0.02	Aliphatic lactone
(*Z*)-β-Ocimene	2.61	Monoterpene
(*E*)-β-Ocimene	1.17	Monoterpene
γ-Terpinene	0.05	Monoterpene
cis-Sabinene hydrate	0.09	Monoterpenic alcohol
cis-Linalool oxide (fur.)	0.17	Monoterpenic alcohol

Octanol	0.03	Aliphatic alcohol
α-Pinene oxide analog	0.06	Monoterpenic ether
Terpinolene	0.19	Monoterpene
trans-Sabinene hydrate	0.05	Monoterpenic alcohol
Rosefuran	0.07	Monoterpenic ether
Linalool	29.16	Monoterpenic alcohol
(*Z*)-6-Methyl-3,5-heptadien-2-one	0.06	Aliphatic ketone
β-Thujone	0.04	Monoterpenic ketone
Octen-3-yl acetate	1.15	Aliphatic ester
Unknown	0.03	Unknown
Octan-3-yl acetate	0.10	Aliphatic ester
all*o*-Ocimene	0.03	Monoterpene
(*Z*)-Myroxide	0.06	Monoterpenic ether
Camphor	0.25	Monoterpenic ketone
(*E*)-Myroxide	0.03	Monoterpenic ether
Camphene hydrate	0.04	Monoterpenic alcohol
trans-Verbenol	0.02	Monoterpenic alcohol
Nerol oxide	0.02	Aliphatic ether
Hexyl isobutyrate	0.03	Aliphatic ester
Borneol	0.65	Monoterpenic alcohol
cis-Linalool oxide (pyr.)	0.01	Monoterpenic alcohol
Lavandulol	1.15	Monoterpenic alcohol
(3*E*,5*Z*)-Undeca-1,3,5-triene	0.02	Alkene
Terpinen-4-ol	4.44	Monoterpenic alcohol
Cryptone	0.25	Normonoterpenic ketone
meta-Cymen-8-ol	0.07	Monoterpenic alcohol
para-Cymen-8-ol	0.07	Monoterpenic alcohol
α-Terpineol	0.92	Monoterpenic alcohol
Hodiendiol (2,6-dimethylocta-3,7-diene-2,6-diol)	0.05	Monoterpenic alcohol
Hexyl butyrate	0.48	Aliphatic ester
Verbenone	0.03	Monoterpenic ketone
Unknown	0.01	Unknown
(3*E*,5*E*)-2,6-Dimethylocta-3,5,7-trien-2-ol	0.03	Monoterpenic alcohol
trans-Carveol	0.03	Monoterpenic alcohol
Bornyl formate	0.04	Monoterpenic ester
Nerol	0.16	Monoterpenic alcohol
Cuminal	0.09	Monoterpenic aldehyde
Hexyl 2-methylbutyrate	0.05	Aliphatic ester
Neral	0.04	Monoterpenic aldehyde
Carvone	0.06	Monoterpenic ketone
Hexyl isovalerate	0.06	Aliphatic ester
Piperitone	0.05	Monoterpenic ketone
Linalyl acetate	31.38	Monoterpenic ester
Geraniol	0.40	Monoterpenic alcohol

trans-Ascaridole glycol	0.03	Monoterpenic alcohol
Geranial	0.05	Monoterpenic aldehyde
iso-Isopulegyl acetate	0.07	Monoterpenic ester
2,6-Dimethyl-1,7-octadiene-3,6-diol	0.02	Monoterpenic alcohol
Bornyl acetate	0.14	Monoterpenic ester
Cuminol	0.05	Monoterpenic alcohol
Lavandulyl acetate	3.34	Monoterpenic ester
Thymol	0.04	Monoterpenic alcohol
Hexyl tiglate	0.06	Aliphatic ester
Hodiendiol derivative	0.06	Oxygenated monoterpene
Unknown	0.10	Oxygenated monoterpene
Unknown	0.09	Oxygenated monoterpene
Hodiendiol derivative III	0.06	Oxygenated monoterpene
Neryl acetate	0.28	Monoterpenic ester
α-Copaene	0.03	Sesquiterpene
Daucene	0.04	Sesquiterpene
β-Bourbonene	0.09	Sesquiterpene
Geranyl acetate	0.55	Monoterpenic ester
7-epi-Sesquithujene	0.11	Sesquiterpene
Hexyl hexanoate	0.14	Aliphatic ester
Isocaryophyllene	0.02	Sesquiterpene
Sesquithujene	0.02	Sesquiterpene
β-Cedrene	0.04	Sesquiterpene
β-Caryophyllene	3.74	Sesquiterpene
α-Santalene	0.58	Sesquiterpene
Coumarin	0.12	Coumarin
β-Copaene	0.02	Sesquiterpene
trans-α-Bergamotene	0.19	Sesquiterpene
cis-β-Bergamotene?	0.04	Sesquiterpene
Sesquisabinene A	0.02	Sesquiterpene
epi-β-Santalene	0.05	Sesquiterpene
α-Humulene	0.14	Sesquiterpene
Lavandulyl butyrate?	0.15	Monoterpenic ester
(*E*)-β-Farnesene	3.67	Sesquiterpene
trans-Cadina-1(6),4-diene	0.03	Sesquiterpene
Germacrene D	0.34	Sesquiterpene
trans-β-Bergamotene	0.08	Sesquiterpene
Isodaucene	0.02	Sesquiterpene
Hodiendiol derivative II	0.08	Oxygenated monoterpene
β-Bisabolene	0.06	Sesquiterpene
Lavandulyl isovalerate	0.04	Monoterpenic ester
γ-Cadinene	0.14	Sesquiterpene
Unknown	0.07	Oxygenated sesquiterpene
β-Sesquiphellandrene	0.02	Sesquiterpene
δ-Cadinene	0.01	Sesquiterpene

Isocaryophyllene epoxide B	0.09	Sesquiterpenic ether
cis-Sesquisabinene hydrate	0.02	Sesquiterpenic alcohol
(*E*)-Nerolidol	0.05	Sesquiterpenic alcohol
Caryophyllene oxide isomer	0.18	Sesquiterpenic ether
Caryophyllene oxide	1.01	Sesquiterpenic ether
Humulene epoxide II	0.04	Sesquiterpenic ether
Unknown	0.03	Oxygenated sesquiterpene
Caryophylladienol II	0.04	Sesquiterpenic alcohol
τ-Cadinol	0.10	Sesquiterpenic alcohol
(3*Z*)-Caryophylla-3,8(13)-dien-5β-ol	0.02	Sesquiterpenic alcohol
α-Bisabolol	0.01	Sesquiterpenic alcohol
Herniarin	0.03	Coumarin
Unknown UNKN CDIV [m/z 99, 69 (61), 71 (34), 43 (30), 81 (27)...]	0.03	Unknown
Consolidated total	**98.83**	

tr: The compound has been detected below 0.005% of the total signal

Note: no correction factor was applied

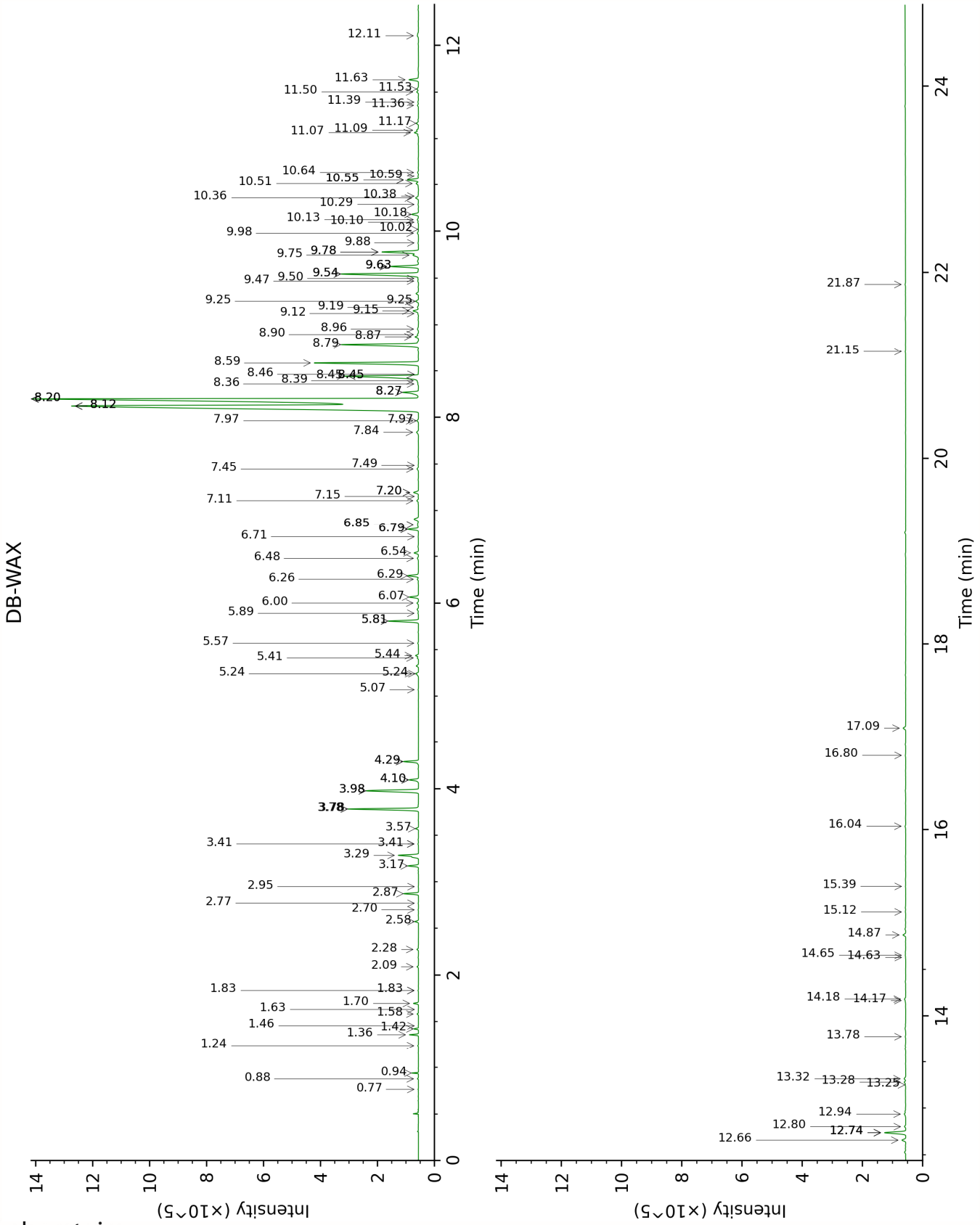
About "consolidated" data: The table above presents the breakdown of the sample volatile constituents after applying an algorithm to collapse data acquired from the multi-columns system of PhytoChemia into a single set of consolidated contents. In case of discrepancies between columns, the algorithm is set to prioritize data from the most standard DB-5 column, and smallest values so as to avoid overestimating individual content. This process is semi-automatic. Advanced users are invited to consult the "Full analysis data" table after the chromatograms in this report to access the full untreated data and perform their own calculations if needed.

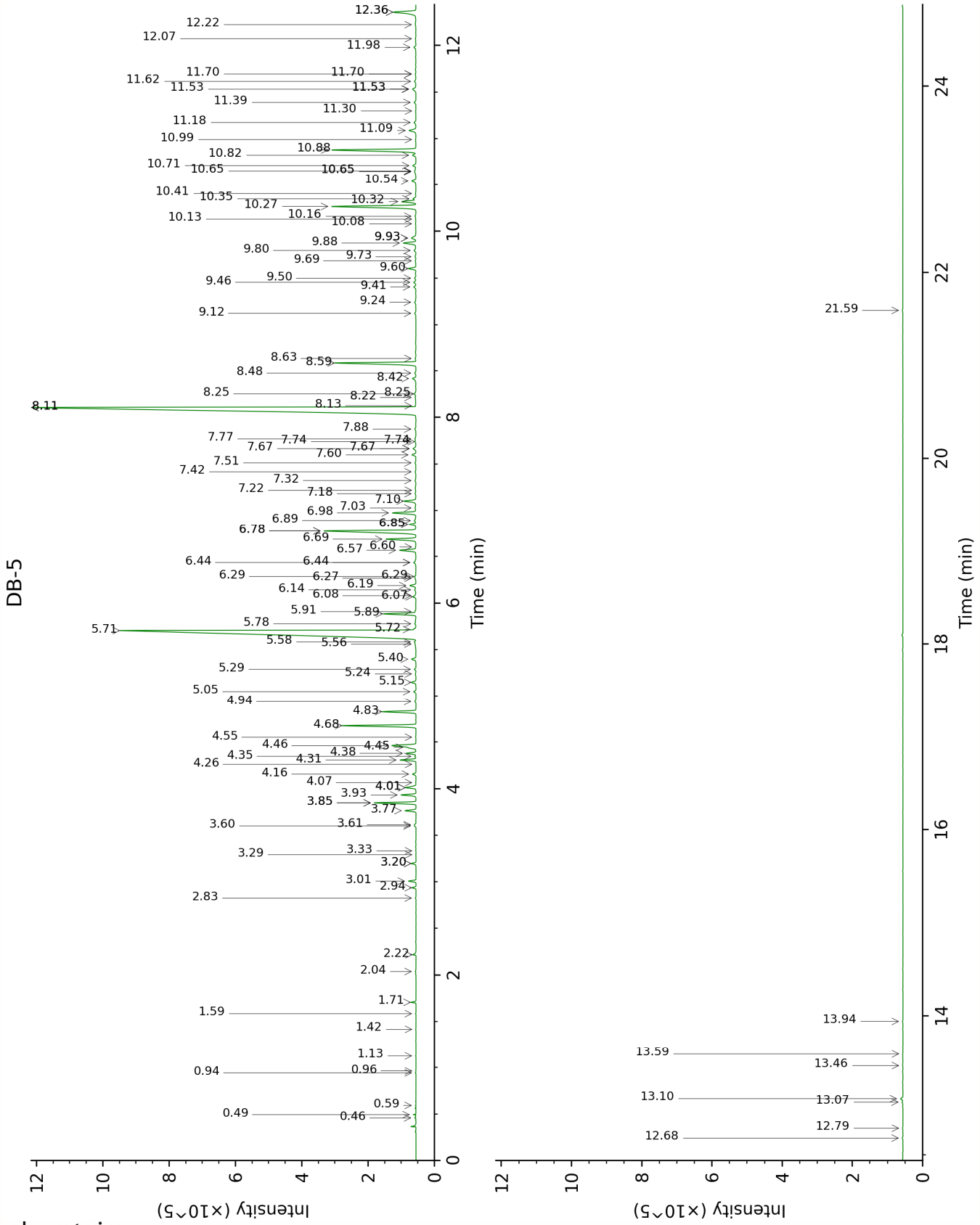
Unknowns: Unknown compounds' mass spectral data is presented in the "Full analysis data" table. The occurrence of unknown compounds is to be expected in many samples, and does not denote particular problems unless noted otherwise in the conclusion.

Bracketed value ([xx]): A bracketed percent value indicate that two or more compound percentage could not be solved due to coelution.

This page was intentionally left blank. The following pages present the complete data of the analysis.

628 Boulevard du Saguenay, Saguenay (Qc) G7J 1H4 | www.phytochemia.com


DB-WAX
Time (min)
Intensity (×10^5)
12.11
11.63
11.50
11.53
11.39
11.36
11.17
11.07
11.09
10.64
10.51
10.55
10.59
10.36
10.38
10.29
10.13
10.10
10.18
10.02
9.98
9.88
9.75
9.78
9.63
9.47
9.50
9.54
9.25
9.25
9.12
9.19
9.15
8.90
8.96
8.87
8.79
8.59
8.46
8.39
8.45
8.45
8.36
8.27
8.20
8.12
7.97
7.97
7.84
7.45
7.49
7.11
7.15
7.20
6.85
6.79
6.71
6.48
6.54
6.26
6.29
6.00
6.07
5.89
5.81
5.57
5.41
5.44
5.24
5.24
5.07
4.29
4.10
3.98
3.78
3.57
3.41
3.41
3.29
3.17
2.95
2.87
2.77
2.70
2.58
2.28
2.09
1.83
1.83
1.70
1.63
1.58
1.46
1.42
1.36
1.24
0.94
0.88
0.77
21.87
21.15
17.09
16.80
16.04
15.39
15.12
14.87
14.65
14.63
14.18
14.17
13.78
13.32
13.28
13.25
12.94
12.80
12.74
12.66


DB-5
Time (min)
Intensity (×10^5)
12.36
12.22
12.07
11.98
11.70
11.62
11.53
11.39
11.30
11.18
11.09
10.99
10.88
10.82
10.71
10.65
10.54
10.41
10.35
10.32
10.27
10.16
10.13
10.08
9.93
9.88
9.80
9.73
9.69
9.60
9.50
9.46
9.41
9.24
9.12
8.63
8.59
8.48
8.42
8.25
8.22
8.13
8.11
7.88
7.77
7.74
7.67
7.60
7.51
7.42
7.32
7.22
7.18
7.10
7.03
6.98
6.89
6.85
6.78
6.69
6.60
6.57
6.44
6.29
6.27
6.19
6.14
6.08
6.07
5.91
5.89
5.78
5.72
5.71
5.58
5.56
5.40
5.29
5.24
5.15
5.05
4.94
4.83
4.68
4.55
4.46
4.45
4.38
4.35
4.31
4.26
4.16
4.07
4.01
3.93
3.85
3.77
3.61
3.60
3.33
3.29
3.20
3.01
2.94
2.83
2.22
2.04
1.71
1.59
1.42
1.13
0.96
0.94
0.59
0.49
0.46
21.59
13.94
13.59
13.46
13.10
13.07
12.79
12.68

FULL ANALYSIS DATA

	Column DB-WAX			Column DB-5		
3-Buten-2-one	0.88	913.1	0.02	0.46	575.5	0.04
2-Methyl-3-buten-2-ol	1.58	1016.0	0.04	0.49	605.8	0.04
Isovaleral	0.77	889.1	0.01	0.59	643.4	0.01
Isoamyl alcohol	3.41*	1176.6	[0.02]	0.94	732.1	0.01
2-Methylbutanol	3.41*	1176.6	[0.02]	0.96	735.2	0.01
Toluene	1.46	1003.5	0.01	1.13	758.9	0.01
Hexanal	1.84*	1041.0	[0.01]	1.42	801.5	0.01
Butyl acetate	1.84*	1041.0	[0.01]	1.59	817.2	0.01
Methyl hexyl ether	0.94	923.2	0.12	1.71	827.5	0.12
(3*Z*)-Hexenol	5.81*	1351.5	[1.17]	2.04	855.5	0.02
Hexanol	5.44	1324.9	0.11	2.22	870.8	0.10
Tricyclene	1.24	971.9	0.02	2.83	918.8	0.02
α-Thujene	1.42	1000.3	0.12	2.94	926.2	0.13
α-Pinene	1.36	991.2	0.23	3.01	931.0	0.24
α-Fenchene	1.63	1020.9	tr	3.20*	943.7	[0.15]
Camphene	1.70	1027.3	0.15	3.20*	943.7	[0.15]
5,5-Dimethyl-2(5H)-furanone	8.46	1548.6	0.01	3.29	950.1	0.01
Butyl isobutyrate	2.70	1121.0	0.01	3.33	952.8	0.01
Sabinene	2.28	1084.8	0.05	3.60	970.9	0.05
β-Pinene	2.09	1066.3	0.05	3.61	971.7	0.05
Octen-3-ol	6.80*	1422.9	[0.40]	3.76	981.9	0.38
6-Methyl-5-hepten-2-one	5.07	1300.4	0.01	3.85*	987.5	[1.37]
Octan-3-one	3.98*	1220.0	[2.51]	3.85*	987.5	[1.37]
Myrcene	2.87	1134.6	0.48	3.93	993.3	0.51
Octan-3-ol	6.07	1369.9	0.35	4.01*	998.6	[0.44]
Butyl butyrate	3.57	1189.5	0.10	4.01*	998.6	[0.44]
α-Phellandrene	2.77	1126.5	0.01	4.07	1002.2	0.01
Δ3-Carene	2.58	1111.1	0.12	4.16	1008.1	0.13
α-Terpinene	2.95	1140.5	0.01	4.26	1014.9	0.01
Hexyl acetate	4.29*	1243.0	[0.57]	4.31	1017.8	0.53
meta-Cymene	4.10*	1228.6	[0.37]	4.35	1020.3	0.04
para-Cymene	4.10*	1228.6	[0.37]	4.38	1022.3	0.34
Limonene	3.17	1158.0	0.36	4.45*†	1026.5	[0.26]
1,8-Cineole	3.29	1166.9	0.95	4.46*†	1027.7	[1.07]
Lavender lactone	9.19	1605.0	0.05	4.55	1033.4	0.02
(*Z*)-β-Ocimene	3.78*	1205.7	[2.63]	4.68	1041.3	2.61
(*E*)-β-Ocimene	3.98*	1220.0	[2.51]	4.83	1050.9	1.17
γ-Terpinene	3.78*	1205.7	[2.63]	4.94	1057.9	0.05
cis-Sabinene hydrate	6.85*	1426.7	[0.08]	5.05	1065.0	0.09

cis-Linalool oxide (fur.)	6.54	1404.0	0.17	5.15	1071.4	0.17
Octanol	8.20*†	1528.2	[28.83]	5.24	1077.2	0.03
α-Pinene oxide analog	5.41	1323.1	0.04	5.29	1080.3	0.06
Terpinolene	4.29*	1243.0	[0.57]	5.40	1087.3	0.19
trans-Sabinene hydrate	7.97*	1510.1	[0.08]	5.56	1097.7	0.05
Rosefuran	6.00	1365.3	0.06	5.58	1099.1	0.07
Linalool	8.12*†	1522.3	[31.73]	5.71	1107.0	29.16
(*Z*)-6-Methyl-3,5-heptadien-2-one	8.20*†	1528.2	[28.83]	5.72	1107.7	0.06
β-Thujone	6.26	1383.6	0.05	5.78	1111.7	0.04
Octen-3-yl acetate	5.81*	1351.5	[1.17]	5.89	1118.7	1.15
Unknown LAAN I [m/z 82, 81 (72), 43 (64), 54 (32), 41 (20)...]	9.63*	1640.3	[1.14]	5.91	1120.2	0.03
Octan-3-yl acetate	5.24*	1311.0	[0.14]	6.07	1130.6	0.10
allo-Ocimene	5.57	1334.4	0.03	6.08	1131.4	0.03
(*Z*)-Myroxide	6.85*	1426.7	[0.08]	6.14	1135.4	0.06
Camphor	7.20*	1452.6	[0.21]	6.19	1138.4	0.25
(*E*)-Myroxide	7.11	1446.1	0.07	6.27	1143.6	0.03
Camphene hydrate	8.44*	1547.1	[3.79]	6.29*	1144.7	[0.06]
trans-Verbenol	9.50	1629.9	0.02	6.29*	1144.7	[0.06]
Nerol oxide	6.80*	1422.9	[0.40]	6.44*	1154.6	[0.10]
Hexyl isobutyrate	5.24*	1311.0	[0.14]	6.44*	1154.6	[0.10]
Borneol	9.78*	1652.8	[1.60]	6.57	1163.2	0.65
cis-Linalool oxide (pyr.)	10.29	1693.9	0.02	6.60	1165.5	0.01
Lavandulol	9.63*	1640.3	[1.14]	6.69	1171.0	1.15
(3*E*,5*Z*)-Undeca-1,3,5-triene	5.89	1357.4	0.02	6.78*	1176.7	[4.47]
Terpinen-4-ol	8.59	1558.1	4.44	6.78*	1176.7	[4.47]
Cryptone	9.15	1601.9	0.25	6.85*	1181.5	[0.29]
meta-Cymen-8-ol	11.50	1796.5	0.07	6.85*	1181.5	[0.29]
para-Cymen-8-ol	11.53	1799.3	0.08	6.89	1184.5	0.07
α-Terpineol	9.78*	1652.8	[1.60]	6.98	1189.9	0.92
Hodiendiol (2,6-dimethylocta-3,7-diene-2,6-diol)	12.80	1912.2	0.05	7.03	1193.4	0.05
Hexyl butyrate	6.30	1386.3	0.42	7.10	1198.2	0.48
Verbenone	9.63*	1640.3	[1.14]	7.18	1203.3	0.03
Unknown SASC VII [m/z 43, 71 (66), 59	7.49	1474.1	0.01	7.22	1205.8	0.01

(52), 41 (47), 68 (46)...]						
(3*E*,5*E*)-2,6-Dimethylocta-3,5,7-trien-2-ol	11.36	1784.3	0.04	7.32	1212.9	0.03
trans-Carveol	11.39	1787.3	0.03	7.42	1219.3	0.03
Bornyl formate	7.97*	1510.1	[0.08]	7.51	1225.8	0.04
Nerol	11.07	1759.6	0.17	7.60	1231.8	0.16
Cuminal	10.55*	1716.0	[0.47]	7.67*	1236.4	[0.14]
Hexyl 2-methylbutyrate	6.48	1399.7	0.05	7.67*	1236.4	[0.14]
Neral	9.47	1627.7	0.04	7.74*	1241.5	[0.05]
Carvone	9.98	1669.1	0.06	7.74*	1241.5	[0.05]
Hexyl isovalerate	6.71	1416.9	0.02	7.77	1243.5	0.06
Piperitone	9.88	1660.7	0.03	7.88	1250.8	0.05
Linalyl acetate	8.20*†	1528.2	[28.83]	8.11*	1266.7	[31.78]
Geraniol	11.63	1808.1	0.40	8.11*	1266.7	[31.78]
trans-Ascaridole glycol	14.17	2039.8	0.03	8.13	1268.0	0.03
Geranial	10.10	1678.5	0.03	8.22	1274.1	0.05
iso-Isopulegyl acetate				8.25*	1276.8	[0.09]
2,6-Dimethyl-1,7-octadiene-3,6-diol	14.65	2086.6	0.02	8.25*	1276.8	[0.09]
Bornyl acetate	8.27*	1533.7	[0.77]	8.42	1288.1	0.14
Cuminol	14.18	2041.2	0.06	8.48	1292.1	0.05
Lavandulyl acetate	8.79	1573.9	3.36	8.59	1299.6	3.34
Thymol	15.12	2132.9	0.02	8.63	1302.9	0.04
Hexyl tiglate	8.90	1582.1	0.04	9.12	1333.9	0.06
Hodiendiol derivative	12.94	1924.7	0.07	9.24	1342.3	0.06
Unknown SASC II [m/z 43, 79 (47), 71 (31), 94 (27), 81 (23), 41 (22)... 197 (0)]	11.09	1761.7	0.09	9.41	1354.0	0.10
Unknown SASC III [m/z 43, 79 (46), 71 (30), 94 (25), 41 (23), 81 (21)... 197 (0)]	11.17	1768.0	0.10	9.46	1357.5	0.09
Hodiendiol derivative III	12.74*	1906.2	[0.95]	9.50	1360.7	0.06
Neryl acetate	10.18	1685.3	0.28	9.60	1367.9	0.28
α-Copaene	7.15	1449.5	0.01	9.69	1373.8	0.03
Daucene	7.20*	1452.6	[0.21]	9.73	1377.0	0.04
β-Bourbonene	7.45	1471.3	0.07	9.80	1381.7	0.09

Geranyl acetate	10.55*	1716.0	[0.47]	9.88	1387.3	0.55
7-epi-Sesquithujene	7.84	1500.5	0.11	9.93*	1391.1	[0.24]
Hexyl hexanoate	8.87	1580.2	0.14	9.93*	1391.1	[0.24]
Isocaryophyllene	8.12*†	1522.3	[31.73]	10.08	1402.0	0.02
Sesquithujene	8.12*†	1522.3	[31.73]	10.13	1405.5	0.02
β-Cedrene	8.36	1540.6	0.03	10.16	1407.8	0.04
β-Caryophyllene	8.44*	1547.1	[3.79]	10.27	1415.7	3.74
α-Santalene	8.27*	1533.7	[0.77]	10.32	1419.5	0.58
Coumarin	17.09	2337.5	0.12	10.35	1421.8	0.12
β-Copaene	8.40	1543.3	0.06	10.41	1426.1	0.02
trans-α-Bergamotene	8.44*	1547.1	[3.79]	10.54	1436.1	0.19
cis-β-Bergamotene?				10.65*	1444.2	[0.06]
Sesquisabinene A	9.12	1599.6	0.02	10.65*	1444.2	[0.06]
epi-β-Santalene	8.96	1586.7	0.06	10.65	1444.6	0.05
α-Humulene	9.25*	1610.2	[0.13]	10.71	1449.0	0.14
Lavandulyl butyrate?	10.51	1712.7	0.12	10.82	1457.4	0.15
(*E*)-β-Farnesene	9.54*	1633.8	[3.78]	10.88	1461.6	3.67
trans-Cadina-1(6),4-diene	9.25*	1610.2	[0.13]	10.99	1470.0	0.03
Germacrene D	9.75	1650.1	0.30	11.09	1477.3	0.34
trans-β-Bergamotene	9.54*	1633.8	[3.78]	11.18	1483.8	0.08
Isodaucene	10.02	1672.4	0.01	11.30	1493.0	0.02
Hodiendiol derivative II	12.74*	1906.2	[0.95]	11.39	1499.9	0.08
β-Bisabolene	10.13	1680.8	0.06	11.53*	1510.8	[0.20]
Lavandulyl isovalerate	10.64	1723.3	0.04	11.53*	1510.8	[0.20]
γ-Cadinene	10.36	1699.7	0.14	11.53*	1510.8	[0.20]
Unknown CULO LIV [m/z 121, 93 (56), 91 (12), 94 (11), 122 (10)...220]	13.28	1956.3	0.07	11.62	1517.4	0.07
β-Sesquiphellandrene	10.59	1719.6	0.02	11.70*	1523.6	[0.04]
δ-Cadinene	10.38	1701.3	0.01	11.70*	1523.6	[0.04]
Isocaryophyllene epoxide B	12.11	1849.9	0.07	11.98	1546.3	0.09
cis-Sesquisabinene hydrate	13.25	1953.6	0.02	12.07	1553.6	0.02
(*E*)-Nerolidol	13.78	2002.4	0.02	12.22	1565.5	0.05
Caryophyllene	12.66	1898.8	0.18	12.36*	1576.1	[1.18]

oxide isomer						
Caryophyllene oxide	12.74*	1906.2	[0.95]	12.36*	1576.1	[1.18]
Humulene epoxide II	13.32	1959.7	0.08	12.68	1601.5	0.04
Unknown MECA V [m/z 179, 161 (66), 119 (44), 95 (38), 105 (35)... 204 (24), 222 (1)]	14.63	2084.3	0.01	12.79	1610.0	0.03
Caryophylladienol II	16.04	2226.3	0.03	13.07	1633.3	0.04
τ-Cadinol	14.87	2108.1	0.12	13.10	1636.4	0.10
(3*Z*)-Caryophylla-3,8(13)-dien-5β-ol	16.80	2306.0	0.03	13.46	1666.0	0.02
α-Bisabolol	15.39	2160.3	0.01	13.59	1676.5	0.01
Herniarin	21.15	2813.1	0.02	13.94	1706.0	0.03
Unknown UNKN CDIV [m/z 99, 69 (61), 71 (34), 43 (30), 81 (27)...]	21.87	2906.3	0.02	21.60	2472.9	0.03
Total reported		97.52%			98.77%	

*: Two or more compounds are coeluting on this column

[xx]: Duplicate percentage due to coelutions, only the first one is taken into account in the consolidated total

†: Peaks apexes were resolved, but peaks overlapped and were summed for analysis

tr: The compound has been detected below 0.005% of total signal.

Note: no correction factor was applied

R.T.: Retention time (minutes)

R.I.: Retention index

628 Boulevard du Saguenay, Saguenay (Qc) G7J 1H4 | www.phytochemia.com